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SYNTHETIC PROCESS OF DITERPENIC LACTONE

Patent Assignee: RES INST OF DERMATOSIS CHINESE (CN)

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Number of Patents: 001

Patent Family:

CC Number	Kind	Date
CN 1050021	A	910320 (Basic)

Application Data:

CC Number	Kind	Date
*CN 89106941	A	890908

Abstract: This invention relates to a process of synthesis of diterpenic lactone according to following structural formula where in R1 represents halogen, hydroxyl, methoxy and propy-thio group, R2 represents hydroxyl and acetyl group. It characterised in that, during synthesis of said diterpenic lactone, a compound of hydrogen representing R1 reacts with lactonic alcohol of Leigong vine and then the resulting product reacts with anhydrous actic acid. Said compound possesses actions of anti-inflammation and immunosuppression.

IPC: C07D-493/14; A61K-031/34

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**New lactone cpd. prepd. from diptoride - have
antiinflammatory and immunosuppressive action**

Patent Assignee: CHUGOKU IGAKU KAGAK (CHUG-N); RES INST DERMATOSIS (REDE-N)

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 3178977	A	19910802	JP 90213608	A	19900810	199142 B
CN 1050021	A	19910320				199147

Priority Applications (No Type Date): CN 89106941 A 19890908; CN 89106941 A 19890908

Abstract (Basic): JP 3178977 A

New diperpene lactone cpds. are of formula (I), where R1 = halogen, OH, methoxy, or propylthio; R2 = H or acetyl. In a new prepn. of the cpds. (I) a triptoride of formula (II) is made to react with a cpd. of formula R1-H, and the resultant prod. is made to react with acetic anhydride.

USE/ADVANTAGE - The cpds. have high anti-inflammatory and immunosuppressive action. The triptorides are usually obtd. from the root of tripterygium Wilfordii, a plant occurring in China. They themselves have antitumour action. (Provisional Basic previously advised in week 9137) (8pp Dwg.No.0/0)

Title Terms: NEW; LACTONE; COMPOUND; PREPARATION; DI; ANTIINFLAMMATORY; IMMUNO; SUPPRESS; ACTION

Derwent Class: B02

International Patent Class (Additional): A61K-031/36; C07B-039/00;

C07B-041/02; C07B-045/06; C07D-493/14; C07J-071/00

File Segment: CPI

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H600 H661 H8 J011 J261 J5 J521 L9 L942 M210 M211 M213 M231 M232 M240
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